



17225-PCT-US Sequence Listing
SEQUENCE LISTING

<110> Kerek, Franz

<120> PEPTIDES WITH HIGH CYSTEINE CONTENT

<130> DOR-P01088WO

<160> 16

<170> PatentIn version 3.3

<210> 1

<211> 46

<212> PRT

<213> Helleborus purpurascens

<400> 1

Lys Ser Cys Cys Arg Asn Thr Leu Gly Arg Asn Cys Tyr Asn Gly
Cys
1 5 10 15

Arg Phe Thr Gly Gly Ser Gln Pro Thr Cys Gly Arg Leu Cys Asp
Cys
20 25 30

Ile His Val Thr Thr Thr Thr Cys Pro Ser Ser His Pro Ser
35 40 45

<210> 2

<211> 46

<212> PRT

<213> Helleborus purpurascens

<400> 2

Lys Ser Cys Cys Arg Asn Thr Leu Gly Arg Asn Cys Tyr Asn Ala
Cys

17225-PCT-US Sequence Listing

1 5 10 15

Arg Phe Thr Gly Gly Ser Gln Pro Thr Cys Gly Arg Leu Cys Asp
Cys
20 25 30

Ile His Val Thr Thr Thr Thr Cys Pro Ser Ser His Pro Ser
35 40 45

<210> 3
<211> 46
<212> PRT
<213> Helleborus purpurascens

<400> 3

Lys Ser Cys Cys Arg Asn Thr Leu Ala Arg Asn Cys Tyr Asn Ala
Cys
1 5 10 15

Arg Phe Thr Gly Gly Ser Gln Pro Thr Cys Gly Arg Leu Cys Asp
Cys
20 25 30

Ile His Val Thr Thr Thr Thr Cys Pro Ser Ser His Pro Ser
35 40 45

<210> 4
<211> 46
<212> PRT
<213> Helleborus purpurascens

<400> 4

17225-PCT-US Sequence Listing

Lys Ser Cys Cys Arg Asn Thr Leu Gly Arg Asn Cys Tyr Asn Ala
Cys
1 5 10 15

Arg Leu Pro Gly Thr Pro Gln Pro Thr Cys Ala Thr Leu Cys Asp
Cys
20 25 30

Ile His Val Thr Thr Pro Thr Cys Pro Ser Ser His Pro Arg
35 40 45

<210> 5
<211> 46
<212> PRT
<213> Helleborus purpurascens

<400> 5

Lys Ser Cys Cys Arg Asn Thr Leu Ala Arg Asn Cys Tyr Asn Ala
Cys
1 5 10 15

Arg Phe Thr Gly Thr Ser Gln Pro Tyr Cys Ala Arg Leu Cys Asp
Cys
20 25 30

Ile His Val Thr Thr Pro Thr Cys Pro Ser Ser His Pro Arg
35 40 45

<210> 6
<211> 46
<212> PRT
<213> Helleborus purpurascens

17225-PCT-US Sequence Listing

<400> 6

Lys	Ser	Cys	Cys	Arg	Asn	Thr	Leu	Ala	Arg	Asn	Cys	Tyr	Asn	Ala
Cys														
1				5					10				15	

Arg	Phe	Thr	Gly	Gly	Ser	Gln	Pro	Thr	Cys	Ala	Thr	Leu	Cys	Asp
Cys														
			20					25					30	

Ile	His	Val	Thr	Thr	Pro	Thr	Cys	Pro	Ser	Ser	His	Pro	Arg
		35					40					45	

<210> 7

<211> 46

<212> PRT

<213> Helleborus purpurascens

<400> 7

Lys	Ser	Cys	Cys	Arg	Asn	Thr	Leu	Ala	Arg	Asn	Cys	Tyr	Asn	Val
Cys														
1				5					10				15	

Arg	Phe	Gly	Gly	Gly	Ser	Gln	Ala	Tyr	Cys	Ala	Arg	Phe	Cys	Asp
Cys														
			20					25					30	

Ile	His	Val	Thr	Thr	Ser	Thr	Cys	Pro	Ser	Ser	His	Pro	Ser
		35					40					45	

<210> 8

<211> 46

<212> PRT

17225-PCT-US Sequence Listing

<213> Helleborus purpurascens

<400> 8

Lys	Ser	Cys	Cys	Arg	Asn	Thr	Leu	Gly	Arg	Asn	Cys	Tyr	Asn	Ala
Cys														
1				5					10					15

Arg	Leu	Thr	Gly	Thr	Ser	Gln	Ala	Thr	Cys	Ala	Thr	Leu	Cys	Asp
Cys														
			20					25					30	

Ile	His	Val	Thr	Ala	Thr	Thr	Cys	Arg	Pro	Pro	Tyr	Pro	Ser
		35					40					45	

<210> 9

<211> 46

<212> PRT

<213> Helleborus purpurascens

<400> 9

Lys	Ser	Cys	Cys	Arg	Asn	Thr	Leu	Ala	Arg	Asn	Cys	Tyr	Asn	Ala
Cys														
1				5					10					15

Arg	Phe	Thr	Gly	Gly	Ser	Gln	Pro	Thr	Cys	Gly	Ile	Leu	Cys	Asp
Cys														
			20					25					30	

Ile	His	Val	Thr	Thr	Thr	Thr	Cys	Pro	Ser	Ser	His	Pro	Ser
		35					40					45	

<210> 10

17225-PCT-US Sequence Listing

<211> 48
 <212> PRT
 <213> Helleborus purpurascens

<400> 10

Lys	Ser	Cys	Cys	Arg	Asn	Thr	Leu	Gly	Arg	Asn	Cys	Tyr	Ala	Ala
Cys														
1				5					10					15

Arg	Leu	Thr	Gly	Leu	Phe	Ser	Gln	Glu	Gln	Cys	Ala	Arg	Leu	Cys
Asp														
			20					25					30	

Cys	Ile	Thr	Val	Thr	Thr	Pro	Thr	Pro	Cys	Pro	Arg	Thr	His	Pro
Ser														
		35					40					45		

<210> 11
 <211> 48
 <212> PRT
 <213> Helleborus purpurascens

<400> 11

Lys	Ser	Cys	Cys	Arg	Asn	Thr	Leu	Gly	Arg	Asn	Cys	Tyr	Ala	Ala
Cys														
1				5					10					15

Arg	Leu	Thr	Gly	Thr	Phe	Ser	Gln	Glu	Gln	Cys	Ala	Arg	Leu	Cys
Asp														
			20					25					30	

Cys	Ile	Thr	Val	Thr	Thr	Pro	Thr	Pro	Cys	Pro	Arg	Thr	His	Pro
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

17225-PCT-US Sequence Listing

Ser

35

40

45

<210> 12
 <211> 46
 <212> PRT
 <213> Hellebopus purpurascens

<220>
 <221> misc_feature
 <222> (1)..(2)
 <223> Xaa can be any naturally occurring amino acid

<220>
 <221> misc_feature
 <222> (5)..(11)
 <223> Xaa can be any naturally occurring amino acid

<220>
 <221> misc_feature
 <222> (13)..(15)
 <223> Xaa can be any naturally occurring amino acid

<220>
 <221> misc_feature
 <222> (17)..(22)
 <223> Xaa can be any naturally occurring amino acid

<220>
 <221> misc_feature
 <222> (24)..(25)
 <223> Xaa can be any naturally occurring amino acid

<220>
 <221> misc_feature
 <222> (27)..(29)
 <223> Xaa can be any naturally occurring amino acid

<220>
 <221> misc_feature
 <222> (31)..(31)

17225-PCT-US Sequence Listing

<223> Xaa can be any naturally occurring amino acid

<220>

<221> misc_feature

<222> (33)..(39)

<223> Xaa can be any naturally occurring amino acid

<220>

<221> misc_feature

<222> (41)..(46)

<223> Xaa can be any naturally occurring amino acid

<400> 12

Xaa	Xaa	Cys	Cys	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Cys	Xaa	Xaa	Xaa
Cys														
1				5					10					15

Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Gln	Xaa	Xaa	Cys	Xaa	Xaa	Xaa	Cys	Xaa
Cys														
			20					25					30	

Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Cys	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa
		35					40					45	

<210> 13

<211> 46

<212> PRT

<213> Helleborus purpurascens

<220>

<221> misc_feature

<222> (1)..(2)

<223> Xaa can be any naturally occurring amino acid

<220>

<221> misc_feature

<222> (5)..(11)

17225-PCT-US Sequence Listing

<223> Xaa can be any naturally occurring amino acid

<220>

<221> misc_feature

<222> (13)..(15)

<223> Xaa can be any naturally occurring amino acid

<220>

<221> misc_feature

<222> (17)..(25)

<223> Xaa can be any naturally occurring amino acid

<220>

<221> misc_feature

<222> (27)..(29)

<223> Xaa can be any naturally occurring amino acid

<220>

<221> misc_feature

<222> (31)..(31)

<223> Xaa can be any naturally occurring amino acid

<220>

<221> misc_feature

<222> (33)..(36)

<223> Xaa can be any naturally occurring amino acid

<220>

<221> misc_feature

<222> (38)..(39)

<223> Xaa can be any naturally occurring amino acid

<220>

<221> misc_feature

<222> (41)..(46)

<223> Xaa can be any naturally occurring amino acid

<400> 13

Xaa Xaa Cys Cys Xaa Xaa Xaa Xaa Xaa Xaa Xaa Cys Xaa Xaa Xaa

Cys

1

5

10

15

17225-PCT-US Sequence Listing

Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Cys	Xaa	Xaa	Xaa	Cys	Xaa
Cys														
			20					25					30	

Xaa	Xaa	Xaa	Xaa	Thr	Xaa	Xaa	Cys	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	
		35					40					45		

<210> 14
 <211> 48
 <212> PRT
 <213> Hellebopus purpurascens

<220>
 <221> misc_feature
 <222> (1)..(2)
 <223> Xaa can be any naturally occurring amino acid

<220>
 <221> misc_feature
 <222> (5)..(11)
 <223> Xaa can be any naturally occurring amino acid

<220>
 <221> misc_feature
 <222> (13)..(15)
 <223> Xaa can be any naturally occurring amino acid

<220>
 <221> misc_feature
 <222> (17)..(26)
 <223> Xaa can be any naturally occurring amino acid

<220>
 <221> misc_feature
 <222> (28)..(30)
 <223> Xaa can be any naturally occurring amino acid

<220>
 <221> misc_feature

17225-PCT-US Sequence Listing

<222> (32)..(32)

<223> Xaa can be any naturally occurring amino acid

<220>

<221> misc_feature

<222> (34)..(41)

<223> Xaa can be any naturally occurring amino acid

<220>

<221> misc_feature

<222> (43)..(48)

<223> Xaa can be any naturally occurring amino acid

<400> 14

Xaa	Xaa	Cys	Cys	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Cys	Xaa	Xaa	Xaa
Cys															
1				5						10					15

Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Cys	Xaa	Xaa	Xaa	Cys
Xaa															
			20						25					30	

Cys	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Cys	Xaa	Xaa	Xaa	Xaa	Xaa
Xaa															
		35						40						45	

<210> 15

<211> 47

<212> PRT

<213> Hellebopus purpurascens

<220>

<221> misc_feature

<222> (1)..(2)

<223> Xaa can be any naturally occurring amino acid

17225-PCT-US Sequence Listing

<220>
 <221> misc_feature
 <222> (5)..(11)
 <223> Xaa can be any naturally occurring amino acid

<220>
 <221> misc_feature
 <222> (13)..(15)
 <223> Xaa can be any naturally occurring amino acid

<220>
 <221> misc_feature
 <222> (17)..(25)
 <223> Xaa can be any naturally occurring amino acid

<220>
 <221> misc_feature
 <222> (27)..(29)
 <223> Xaa can be any naturally occurring amino acid

<220>
 <221> misc_feature
 <222> (31)..(31)
 <223> Xaa can be any naturally occurring amino acid

<220>
 <221> misc_feature
 <222> (33)..(40)
 <223> Xaa can be any naturally occurring amino acid

<220>
 <221> misc_feature
 <222> (42)..(47)
 <223> Xaa can be any naturally occurring amino acid

<400> 15

Xaa	Xaa	Cys	Cys	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Cys	Xaa	Xaa	Xaa
Cys														
1				5				10					15	

Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Cys Xaa Xaa Xaa Cys Xaa

17225-PCT-US Sequence Listing

Cys

20

25

30

Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Cys Xaa Xaa Xaa Xaa Xaa Xaa
 35 40 45

<210> 16
 <211> 46
 <212> PRT
 <213> Helleborus purpurascens

<220>
 <221> misc_feature
 <222> (1)..(2)
 <223> Xaa can be any naturally occurring amino acid

<220>
 <221> misc_feature
 <222> (5)..(11)
 <223> Xaa can be any naturally occurring amino acid

<220>
 <221> misc_feature
 <222> (13)..(15)
 <223> Xaa can be any naturally occurring amino acid

<220>
 <221> misc_feature
 <222> (17)..(25)
 <223> Xaa can be any naturally occurring amino acid

<220>
 <221> misc_feature
 <222> (27)..(29)
 <223> Xaa can be any naturally occurring amino acid

<220>
 <221> misc_feature
 <222> (31)..(31)
 <223> Xaa can be any naturally occurring amino acid

17225-PCT-US Sequence Listing

<220>
 <221> misc_feature
 <222> (33)..(39)
 <223> Xaa can be any naturally occurring amino acid

<220>
 <221> misc_feature
 <222> (41)..(46)
 <223> Xaa can be any naturally occurring amino acid

<400> 16

Xaa	Xaa	Cys	Cys	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Cys	Xaa	Xaa	Xaa
Cys														
1				5					10					15

Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Cys	Xaa	Xaa	Xaa	Cys	Xaa
Cys														
			20					25					30	

Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Cys	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa
		35					40					45	